

Victoria E. Chen

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Education

Texas A&M University

Bachelor of Science in Computer Engineering, Minor in Mathematics, GPA 4.0

College Station, TX

August 2021 – Present

Technical Skills

Languages: C++, Python, JavaScript, HTML, CSS, SQL

Technologies: Node.js, Next.js, React.js, Git (GitLab and GitHub), Linux, MongoDB

CAD: Fusion 360, Autodesk Professional Inventor (Autodesk Certified), Autodesk Professional Revit, SOLIDWORKS

Experience

KDE

Software Engineer Mentee

January 2023 – Present

- Troubleshoot, test, and develop user-friendly websites while communicating with cross-functional teams across KDE, an international open-source software hub, as a mentee of their Season of KDE program.
- Utilize Git, Hugo, HTML, and CSS to improve web accessibility and implement responsive web design, ensuring optimization for viewing on a variety of devices.

Texas A&M AI4ALL

College Station, TX

AI4ALL College Pathways Participant

January 2023 – Present

- Research and apply fundamentals of AI and machine learning to a project-based program, delivering a final presentation focused on data analysis through unsupervised machine learning.
- Utilize Python to conduct data analysis through k-means clustering to analyze energy and similarity between trending song datasets of TikTok and Spotify.

Texas A&M SpaceCRAFT VR

College Station, TX

Cloud and Automation Team Engineer

August 2022 – December 2022

- Developed the commercial backend of SpaceCRAFT VR's website, dedicated to fostering interest in the developing of SpaceCRAFT VR, a high-fidelity VR simulation of conditions in space.
- Utilized Git, TypeScript, and PostgreSQL to implement backend functions allowing for user registration and modification.

Soft Matter and Mechanics Laboratory

College Station, TX

Undergraduate Researcher

February 2022 – June 2022

- Pioneered an economical tensile tester testing forces up to 50 N on biomaterials to evaluate specimen response to stress.
- Designed and CAD modeled components of the tensile tester through Autodesk Inventor Professional.
- Implemented electrical and mechanical components into a viable framework for the tensile tester.

Leadership

Society of Asian Scientists and Engineers

College Station, TX

Public Relations Director

May 2022 – Present

- Managed a committee as a Public Relations Director, responsible for planning and executing various interorganizational events and organizational socials.
- Utilize strong leadership and communication skills to coordinate and align event planning and execution with organizational goals and objectives.

TAMU Datathon

College Station, TX

Logistics Director

December 2022 – Present

- Manage event operations for TAMU Datathon, a large-scale data science hackathon with over 200 participants and more than \$16,230 in prizes
- Demonstrate strong leadership skills in managing and coordinating all aspects of the event, including company sponsorship, event operations, finance, and personnel handling for a hackathon involving over 200 participants and over \$16,230 in prizes.